

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S112	112	(pre\$1process\$3 or sampl\$3) and ((whiten\$3 or (white adj noise)) same (input or signal)) and (random adj parameters or random) and (frame adj determination same voice same noise or vad or voice adj activity adj detect\$3) and frame	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S114	7	S112 and color adj noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S115	83	S112 and (overlap or lay adj over or combine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S130	79	(voice adj activity adj detect\$3 or vad) and (add\$3 or combin \$3 or inject\$3) with (gaussian or white) adj noise	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/25 09:20
S131	337	(voice adj activity adj detect\$3 or vad) and (gaussian or white) adj noise	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/25 09:20
S132	19	S131 and overlap and divid\$3 adj frame	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/25 09:20
S133	62	S131 and overlap and divid\$3 with (signal or voice or speech)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/25 09:20
S134	26	S131 and overlap and (divid\$3 with (signal or voice or speech) same frame)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/25 09:20
S135	4962	run adj test and (voice or sound or speech signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S136	1203	run adj test and (voice or sound or speech)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20

S140	681	run adj test and (voice or speech)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S142	27	S136 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S146	272	random\$4 same frame and (voice adj activity adj detector or vad)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S147	158	random\$4 with frame and (voice adj activity adj detector or vad)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S148	84	"704".clas. and S147	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S149	111	(voice adj activity adj detect\$3 or vad) and (voice or speech) and fricative	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S150	84	S149 and threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S151	7	(voice adj activity adj detect\$3 or vad) and (voice or speech) and fricative with frame	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S155	11	(voice adj activity adj detect\$3 or vad) and color adj noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20

S157	72	(voice adj activity adj detect or vad) and (color or fan or car) adj noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S158	94	(voice adj activity adj detect\$3 or vad) and (color or fan or car) adj noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S159	75	S158 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S162	20	fricative with detect\$3 same threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 09:20
S165	1152	704/226,228.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S166	266	S165 and (add adding insert inserting) with (noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S168	1152	704/226,228.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S169	40	S168 and (add adding insert inserting with white) with (noise) and (vad voice adj activity adj detect\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S170	198	"704".clas. and (add adding insert inserting with white) with (noise) and (vad voice adj activity adj detect\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20

S171	158	S170 not S169	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S181	53	S180 and (ambient white adj noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S182	17	704/231,233.ccls. and (inject\$4 add\$4 combin\$4) with (white adj noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/25 09:20
S186	5437	704/226-228,231-242.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 09:20
S189	515	S186 and (length period interval duration) with (time frame) same (limit threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 09:20
S193	6450	704/205-215,231,233,236,238. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 09:20
S194	344	S193 and (sub\$1frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 09:20
S195	369	S193 and (sub\$1frame\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 09:20
S196	25	S195 not S194	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 09:20

S199	5437	704/226-228,231-242.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 09:20
S200	2671	S199 and (length period interval duration) same (time frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 09:20
S201	2396	S199 and (length period interval duration) with (time frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 09:20
S202	515	S199 and (length period interval duration) with (time frame) same (limit threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 09:20
S205	539	S199 and (length period interval duration) with (time frame) same (limit threshold (number with time\$1)) same (voice speech utterance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 09:20
S206	6450	704/205-215,231,233,236,238. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 09:20
S207	344	S206 and (sub\$1frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 09:20
S208	369	S206 and (sub\$1frame\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 09:20
S209	25	S208 not S207	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 09:20

S211	594	S199 and (length period interval duration count\$2) with (time frame) same (limit threshold (number with time \$1)) same (voice speech utterance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 10:59
S213	726	S199 and (length period interval duration count\$2) with (time frame) same (limit threshold (number with time \$1) count\$2) same (voice speech utterance spoken)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 11:00
S215	132	S213 not S211	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 11:00

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